

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Lentinus edodes

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|--|------------|---------|----------|--------|-------------------|
| 0 | 1-(METHYL-THIO)-DIMETHYL-DISULFIDE | Fruit | | | | -- |
| 0 | 1-2-3-5-6-8-HEXATHIONANE | Fruit | | | | -- |
| 0 | 1-2-3-5-TETRATHIANE | Fruit | | | | -- |
| 0 | 1-2-4-5-7-PENTATHIOCANE | Fruit | | | | -- |
| 0 | 1-2-4-5-TETRATHIANE | Fruit | | | | -- |
| 0 | 1-2-4-6-TETRATHIEPANE | Fruit | | | | -- |
| 0 | 1-2-4-7-9-10-HEXATHIADODECANE | Fruit | | | | -- |
| 0 | 1-2-4-TRITHIOLANE | Fruit | | | | -- |
| 0 | 1-3-5-TRITHIANE | Fruit | | | | -- |
| 0 | 1-3-DITHIETANE | Fruit | | | | -- |
| 0 | 2-3-5-6-TETRATHIAHEPTANE | Fruit | | | | -- |
| 0 | 5'-CYCLIC-AMP | Fruit | 400.0 | 690.0 | | -- |
| 3 | ALANINE | Fruit | | | | -- |
| 0 | ALLOISOLEUCINE | Fruit | | | | -- |
| 0 | ALPHA-AMINO-BUTYRIC-ACID | Fruit | | | | -- |
| 0 | AMINO-ACIDS | Fruit | | | | -- |
| 14 | ARGININE | Fruit | | | | -- |
| 3 | ASPARTIC-ACID | Fruit | | | | -- |
| 0 | BIS-((METHYL-SULFONYL)-METHYL)-DISULFIDE | Fruit | | 53.6 | | -- |
| 0 | CARBON-DISULFIDE | Fruit | | | | -- |
| 0 | CARDIOLIPIN | Fruit | | | | -- |
| 0 | CEREBROSIDE-IX | Fruit | | | | -- |
| 0 | CEREBROSIDE-LEN-I | Fruit | | | | -- |
| 0 | CEREBROSIDE-LEN-II | Fruit | | | | -- |
| 0 | CEREBROSIDE-LEN-III | Fruit | | | | -- |
| 0 | CEREBROSIDE-LEN-IV | Fruit | | | | -- |

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|------------------|------------------------------|----------------|---------|----------|--------|--------------------|
| 0 | CEREBROSIDE-V | Fruit | | | | -- |
| 0 | CEREBROSIDE-VI | Fruit | | | | -- |
| 0 | CEREBROSIDE-VII | Fruit | | | | -- |
| 0 | CEREBROSIDE-VIII | Fruit | | | | -- |
| 0 | CEREBROSIDE-X | Fruit | | | | -- |
| 0 | CYSTATHIONINE | Fruit | | | | -- |
| 2 | CYSTINE | Fruit | | | | -- |
| 0 | DEOXYERITADENINE | Fruit | 85.0 | 136.0 | | -- |
| 1 | DIHYDROZEATIN | Tissue Culture | | | | -- |
| 2 | DIMETHYL-DISULFIDE | Fruit | | | | -- |
| 0 | DIMETHYL-TRISULFIDE | Fruit | | | | -- |
| 0 | DIMETHYLTETRASULFIDE | Fruit | | | | -- |
| 0 | DITHIOMETHANE | Fruit | | | | -- |
| 0 | EMITANIN-1A | Tissue Culture | | | | -- |
| 0 | EMITANIN-B | Tissue Culture | | | | -- |
| 0 | ERITADENINE | Fruit | 500.0 | 930.0 | | -- |
| 22 | GAMMA-AMINOBUTYRIC-ACID | Fruit | | | | -- |
| 0 | GAMMA-GLUTAMYL-GLUTAMIC-ACID | Fruit | | | | -- |
| 0 | GAMMA-GLUTAMYL-NICOTIANINE | Fruit | | | | -- |
| 0 | GAMMA-GLUTAMYL-TRANSFERASE | Fruit | | | | -- |
| 0 | GLUCAN | Fruit | | | | -- |
| 8 | GLUTAMIC-ACID | Fruit | | | | -- |
| 12 | GLYCINE | Fruit | | | | -- |
| 7 | HISTIDINE | Fruit | | | | -- |
| 3 | ISOLEUCINE | Fruit | | | | -- |
| 0 | ISOPENTENYL-ADENINE | Tissue Culture | | | | -- |

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|------------------|---|----------------|---------|----------|--------|--------------------|
| 0 | ISOPENTENYL-ADENOSINE | Tissue Culture | | | | -- |
| 0 | LENTHIONINE | Fruit | | | | -- |
| 0 | LENTINIC-ACID | Fruit | | | | -- |
| 0 | LENTINUS-ANTIBIOTIC-KS-2-A | Mycelium | | | | -- |
| 0 | LENTINUS-EDODES-ALPHA-GLUCAN | Fruit | | | | -- |
| 0 | LENTINUS-EDODES-ANTITUMOR-SUBSTANCE | Fruit | | | | -- |
| 0 | LENTINUS-EDODES-BAGASSE-POLYSACCHARIDE-ANTIBIOTIC-C-1-2 | Mycelium | | | | -- |
| 0 | LENTINUS-EDODES-BETA-GLUCAN | Fruit | | | | -- |
| 0 | LENTINUS-EDODES-GLYCOPROTEIN | Fruit | | | | -- |
| 0 | LENTINUS-EDODES-POLYSACCHARIDE | Mycelium | | | | -- |
| 0 | LENTINUS-EDODES-VIRUS-PARTICLE | Plant | | | | -- |
| 0 | LENTINUS-EDODES-VIRUS-PARTICLE-F | Plant | | | | -- |
| 0 | LENTINUS-FRUITING-BODY-PROTEIN(FBP) | Fruit | | 1.0 | | -- |
| 0 | LENTINUS-LIGNIN-EP3 | Mycelium | | | | -- |
| 0 | LENTINUS-POLYSACCHARIDE-E | Mycelium | | | | -- |
| 2 | LEUCINE | Fruit | | | | -- |
| 27 | LINOLEIC-ACID | Fruit | | | | -- |
| 4 | LYSINE | Fruit | | | | -- |
| 0 | METHANETHIOL | Fruit | | | | -- |
| 15 | METHIONINE | Fruit | | | | -- |
| 0 | METHYLHYDRODISULFIDE | Fruit | | | | -- |
| 0 | N-N'-BIS-GAMMA-GLUTAMYL-CYSTINE | Fruit | | | | -- |
| 0 | NICOTIANINE | Fruit | | | | -- |
| 0 | OCT-1-EN-3-OL | Fruit | | | | -- |

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|------------------|--------------------------------|----------------|---------|----------|--------|--------------------|
| 0 | OCT-2-EN-1-OL | Fruit | | | | -- |
| 0 | OCTAN-1-OL | Fruit | | | | -- |
| 0 | OCTAN-3-ONE | Fruit | | | | -- |
| 18 | OLEIC-ACID | Fruit | | | | -- |
| 5 | ORNITHINE | Fruit | | | | -- |
| 13 | PALMITIC-ACID | Fruit | | | | -- |
| 7 | PHENYLALANINE | Fruit | | | | -- |
| 2 | PHOSPHATIDYL-CHOLINE | Fruit | | | | -- |
| 0 | PHOSPHATIDYL-ETHANOLAMINE | Fruit | | | | -- |
| 0 | PROLINE | Fruit | | | | -- |
| 0 | SACCHAROPINE | Fruit | | 44.0 | | -- |
| 0 | SACCHAROPINE-LACTAM | Fruit | | | | -- |
| 1 | SERINE | Fruit | | | | -- |
| 6 | TAURINE | Fruit | | | | -- |
| 0 | TETRATHIANE | Fruit | | | | -- |
| 0 | THIAZOLIDINE-4-CARBOXYLIC-ACID | Fruit | | | | -- |
| 4 | THREONINE | Fruit | | | | -- |
| 29 | TRYPTOPHAN | Fruit | | | | -- |
| 8 | TYROSINE | Fruit | | | | -- |
| 3 | VALINE | Fruit | | | | -- |
| 2 | ZEATIN | Tissue Culture | | | | -- |
| 2 | ZEATIN | Mycelium | | | | -- |
| 0 | ZEATIN-RIBOSIDE | Tissue Culture | | | | -- |